Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 17 Dec 2021 until 23:59 on Saturday 18 Dec 2021

Forecast Issued on Friday 17 Dec 2021 at 03:12

Confidence: With high pressure looking set to dominate the weather through the coming days confidence in generally settled pattern with light winds is high. However lowering confidence in the detail of cloud cover.

Headline for Friday 17 Dec 2021: Dry with light winds and some sunshine on Friday.

Mountain weather hazards on Friday 17 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Sunny	Partly cloudy (night)	Cloudy	Mist
Precipitation probability					
00%	00%	00%	00%	00%	00%

Forecast for Friday 17 Dec 2021

Weather: Dry day on Friday with plenty of sunshine in the morning and some mist and fog affecting valleys, which could persist all day. Partly cloudy skies developing in the afternoon but confidence for cloud amounts and extent currently low, and skies may remain clear above 400m.

Chance of cloud free mountain/hill tops above 600m: 40% becoming 60% in the west for afternoon

Visibility: Good or very good, but very poor in fog with bases widespread to occasional below 400m, mainly in the east. Excellent on high summits above 500m.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Friday 17 Dec 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/6 E	5/7 E	3/7 SE	4/7 E	5/8 E	6/10 SE	6/9 SE
300	3/5 NE	3/6 E	2/6 E	4/7 E	4/8 E	4/8 E	3/7 E
Valley	3/4 E	3/6 E	1/5 E	2/5 E	2/6 E	3/9 SE	3/7 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/6	6/5	6/5	6/4	5/4	5/3	5/3
300	4/3	4/3	7/6	5/4	4/2	4/2	3/2
Valley	4/3	4/3	8/7	6/5	2/1	2/1	2/0
Freezing Level*	2000m	2000m	1900m	1900m	1900m	1700m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note that some of the recent rainfall measured at Malham may be due to snow melt from recent weeks entering the rain gauge.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 17 Dec 2021	0mm	4.6mm	4.8mm

Forecast for Saturday 18 Dec 2021

Weather: Some lingering mist and fog in valleys, with freezing fog likely to persist through Saturday. Settled with vast majority of the National Park staying dry with occasional bright or sunny spells, the best of these across eastern ranges of the Park area and during the afternoon.

Maximum wind: Variable, mainly west or southwest, around 5mph

Chance of cloud free mountain/hill tops above 600m: 40% becoming 60% in the east for afternoon

Visibility: Good or very good, but very poor in fog with bases widespread to occasional mainly below 500m.

Temperature:
Valleys: Plus 1 degrees Celsius early and late, also where mist and fog linger, but in brightness lifting to around Plus 8 degrees Celsius during the afternoon
At 600m: Plus 6 degrees Celsius, becoming Plus 3 degrees Celsius by end of day
Freezing level: Generally above the summits, but sub-zero layer developing from mid-levels later as inversion strengthens

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